



1765

#4

Patent
Attorney's Docket No. 015290-506

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Ting CHIEN et al.

Application No.: 09/820,692

Filed: March 30, 2001

For: PLASMA ETCHING OF DIELECTRIC
LAYER WITH SELECTIVITY TO STOP
LAYER

Group Art Unit: 1765

Examiner: Unassigned

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By:


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Registration No. 31,917

Date: 7-26-01



#1

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TC 1700INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 5,338,399, Yanagida, issued August 16, 1994
U.S. Patent No. 5,366,590, Kadomura, issued November 22, 1994
U.S. Patent No. 5,376,228, Yanagida, issued December 27, 1994
U.S. Patent No. 5,503,901, Sakai et al., issued April 2, 1996
U.S. Patent No. 5,595,627, Inazawa et al., issued January 21, 1997
U.S. Patent No. 5,698,070, Hirano et al., issued December 16, 1997
U.S. Patent No. 5,770,098, Araki et al., issued June 23, 1998
U.S. Patent No. 5,786,276, Brooks et al., issued July 28, 1998
U.S. Patent No. 5,820,261, Yam, issued October 13, 1998
U.S. Patent No. 5,843,847, Pu et al., issued December 1, 1998
U.S. Patent No. 5,928,967, Radens et al., issued July 27, 1999
U.S. Patent No. 6,013,582, Ionov et al., issued January 11, 2000
U.S. Patent No. 6,066,566, Naeem et al., issued May 23, 2000
U.S. Patent No. 6,074,959, Wang et al., issued June 13, 2000

U.S. Patent No. 6,090,304, Zhu et al., issued July 18, 2000
U.S. Patent No. 6,143,641, Kitch, issued November 7, 2000
U.S. Patent No. 6,153,514, Wang et al., issued November 28, 2000
U.S. Patent No. 6,156,642, Wu et al., issued December 5, 2000
U.S. Patent No. 6,159,862, Yamada et al., issued December 12, 2000
U.S. Patent No. 6,174,451, Hung et al., issued January 16, 2001
U.S. Patent No. 6,183,655, Wang et al., issued February 6, 2001

A Novel Plasma Chemistry for Highly Selective Oxide Etch, by Raymond Hung, Jerry Pender, Betty Tang, Chunchi Cui, Hongching Shan, Keiji Horioka and Yan Ye, Mike Rice, 1999 Dry Process Symposium, pgs 33-36, Sunnyvale, CA.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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